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BOROUGH OF BLYTH

ANNUAL REPORT

OF THE

Medical Officer of Health

INCORPORATING THAT OF THE

Senior Public Health Inspector

FOR THE YEAR

1964

PUBLIC HEALTH DEPARTMENT

"DINSDALE"

MARINE TERRACE

BLYTH

NORTHUMBERLAND

BOROUGH



OF BLYTH

*With the Compliments of the
Medical Officer of Health*



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MEMBERS OF THE HEALTH COMMITTEE

Chairman: THE MAYOR,
COUNCILLOR A. RUTHERFORD, J.P.

Vice-Chairman: COUNCILLOR BREADIN

ALDERMAN BARKER	COUNCILLOR MORTAKIS
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„ ELDER, B.E.M.	„ PURVES
„ KENNEDY	„ TWEDDLE
„ SMITH	„ WATERS
„ SUMMERS	„ WATTS
COUNCILLOR DONOHUE	„ WOOLFREY
„ GALLON	
„ HAXON	
„ HUDSPITH	
„ MILBURN	
„ MORDUE	

STAFF OF THE PUBLIC HEALTH DEPARTMENT, 1964

<i>Medical Officer of Health</i>	A. DONALDSON, M.B., CH.B., D.P.H.
<i>Senior Public Health Inspector</i> ...	G. A. GILL, C.S.I.B., M.A.P.H.I.
<i>Additional Public Health Inspector</i>	W. ALLAN, M.A.P.H.I.
<i>Additional Public Health Inspector</i>	R. CHEETHAM, M.A.P.H.I. (Resigned 31st October, 1964).
<i>Clerk</i>	V. COLPITTS
<i>Shorthand Typist</i>	M. HOPE
<i>Rodent Officer</i>	B. WADE

BOROUGH OF BLYTH

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1964

Your Worship, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the Public Health and Sanitary Conditions in the Borough during the year 1964.

The Registrar General's estimated population was 36,320, which is a decrease of 120 from 1963. The number of live births was 633, a decrease of 27 from 1963. This gave an uncorrected birth rate of 17.4 per 1,000 population.

The number of deaths fell from 413 in 1963 to 383, a decrease of 30. The crude death rate was 10.5 per 1,000 population. The number of infant deaths rose from eleven to fourteen. Not a spectacular rise, it is true, but a change in the wrong direction. The Infant Mortality Rate was 22.1 per 1,000 live births.

I must stress the need for proper ante natal care, starting as early in pregnancy as possible. The facilities are there. It is imperative that the slightest deviation from normal be noted in pregnancy. Abnormalities occurring in the mother can have grave consequences to the unborn child, e.g. prematurity, birth injury, blood disease and other congenital defects. Regular consultation with general practitioner, mid-wife and health visitor is essential if these defects are to be avoided.

Infectious disease notifications were mainly measles. There were no cases of diphtheria, whooping cough or food poisoning. There were 14 cases of pulmonary tuberculosis notified, which was one more than in 1963. It should be noted, however, that the case rate per 1,000 population has fallen from 15.2 in 1955 to 6.2 in 1964.

Meals on Wheels continue to be administered by the Old Peoples' Welfare Committee and 3,744 meals were delivered during 1964.

One public health inspector resigned at the end of October, 1964. It has not been possible to obtain a replacement. This leaves two inspectors to carry out the Health Department work for a municipal borough with a population of over 36,000. It is extremely difficult, if not impossible, to keep up with new legislation and maintain a reasonable standard of work with depleted staff. I feel sure that this will become more evident in 1965.

NATIONAL ASSISTANCE ACT, 1948—SECTION 47.

One person was removed to Part III Accommodation under the above Act.

Once again I would thank the chairman and the members of the Health Committee for their interest in the department. My colleagues in other departments have again been most co-operative. The health department staff have worked willingly and well and are to be congratulated.

I remain,

Your Worship, Ladies and Gentlemen,

Your Obedient Servant,

ALEXANDER DONALDSON,
Medical Officer of Health.

HOUSING, 1964

Once again I have to thank the Borough Engineer for his wholehearted co-operation in regard to providing amenities for disabled persons.

In new flats for old people, the living room windows are double glazed and showers are provided in place of baths. This is a great advance which will pay dividends over the years.

Research into the complaints affecting the elderly has shown without question that the most important feature as far as their welfare is concerned is warmth.

This can best be achieved by having houses

- (a) Well heated—to provide warmth.
- (b) Well insulated—to prevent heat loss.
- (c) As far as possible, draught-proof—to ensure the comfort necessary for the tenant.

These are being achieved in new houses being built.

I would like to see a survey being made of all the old type of aged persons' dwellings, the object of the survey being to discover any existing defects, e.g.

- (a) Cavity walls—can the insulation be improved by foam treatment of the wall cavities?
- (b) Roof spaces—ensure roof insulation is provided.
- (c) Doors and windows—ensure that all doors fit tightly and that while all windows can be opened easily they are draught proof.
- (d) Bed Room Fireplaces—these should be bricked up where not in use.
- (e) Baths to be replaced by shower units.

Pensioners find heating expensive—especially by electricity and gas. Many find it cheaper to go to bed. This is to be deplored in present day conditions. The conservation of heat and the exclusion of draughts are means whereby the expenses for fuel are reduced.

This should be the aim of progressive housing authorities.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA **1964**

<i>Area—No Change</i>	<i>Acreage—6,487</i>
<i>Population—(Registrar-General's Estimate) ..</i>	36,320
<i>Rate Value—(1st April, 1964)</i>	£949,247
<i>Product of a Penny Rate</i>	£3,706
<i>Total Number of Dwellinghouses in Borough—</i> <i>1st April, 1964 ..</i>	11,412

Extract from Vital Statistics

Comparability Factor—Births 0.98 Deaths 1.27

	1964	1963
Total Live Births	633	660
Live Birth Rate per 1,000 population (uncorrected)	17.4	18.1
Live Birth Rate per 1,000 population (standardised)	17.0	17.7
Still Births	15	10
Still Birth Rate per 1,000 live & still births	23.1	14.9
Total live and still births	648	670
Infant Deaths	14	11
Neo-Natal Deaths (under one month) ..	10	9
Infant Mortality Rate per 1,000 live births)	22.1	16.6
Legitimate Infant Deaths per 1,000 Legiti- mate live births	21.3	14.4
Illegitimate Infant Deaths per 1,000 Illegi- timate live births	43.4	28.5
Neo-Natal Mortality Rate (Deaths under four weeks per 1,000 live births) ..	15.8	13.6
Early Neo-Natal Mortality Rate (Deaths under one week per 1,000 live births	11.0	13.6
Number of Deaths under one week ..	7	9
Perinatal Mortality Rate (still births and deaths under one week per 1,000 live and still births)	33.9	28.3
Illegitimate live births	23	35
Illegitimate live births % of total live births	3.7	5.3
Maternal deaths	Nil	Nil
Maternal Mortality Rate per 1,000 live and still births	Nil	Nil
Total Deaths	383	413
Crude death rate per 1,000 home population	10.5	11.3
Standardised death rate per 1,000 home population	13.3	14.3
Tuberculosis death rate per 1,000 home population	0.05	0.02

Causes of Death, 1964

Code No.	International Classification	Male	Female	Total
002	Pulmonary Tuberculosis	2	—	2
042	Salmonellosis (Heidelberg)	1	—	1
053	Haemolytic Streptococcal Septicaemia	1	—	1
141.9	Malignant Neoplasm of Tongue	—	1	1
148	„ „ „ Pharynx	1	—	1
150	„ „ „ Oesophagus	1	—	1
151	„ „ „ Stomach	2	7	9
153	„ „ „ Large Intestine	6	5	11
154	„ „ „ Rectum	1	3	4
155	„ „ „ Liver	—	1	1
157	„ „ „ Pancreas	1	—	1
160.2	„ „ „ Maxillary Antrum	1	—	1
161	„ „ „ Larynx	1	—	1
162	„ „ „ Bronchus and Lung	26	3	29
170	„ „ „ Breast	—	9	9
171	„ „ „ Cervix Uteri	—	1	1
172	„ „ „ Corpus Uteri	—	2	2
177	„ „ „ Prostate	2	—	2
181	„ „ „ Bladder	2	—	2
190.9	Melanotic Sarcoma. Site Unspecified	1	—	1
193	Cerebral Tumour	2	1	3
195	Malignant Neoplasm of Suprarenal Cortex	—	1	1
199	„ „ „ Site Unspecified	2	—	2
200.1	Lymphosarcoma	1	—	1
203	Multiple Myelomatosis	—	1	1
260	Diabetes Mellitus	2	1	3
290	Pernicious Anaemia	—	1	1
330	Sub Arachnoid Haemorrhage	1	1	2
331	Cerebral Haemorrhage	7	12	19
332	Cerebral Embolism or Thrombosis	11	23	34
334	Hypertensive Encephalopathy	1	1	2
364	Guillain-Barre Syndrome	1	—	1
420.1	Coronary Artery Disease	51	29	80
422	Cardio Vascular Degeneration	2	7	9
422.2	Cardio Vascular Degeneration with Senility	3	7	10
431	Acute Myocarditis	—	1	1
434.1	Congestive Heart Failure	14	11	25
434.2	Left Ventricular Failure	4	4	8
434.3	Pericardial Effusion	1	—	1
434.4	Cor Pulmonale	2	1	3
450	Arteriosclerosis	2	—	2
451	Aortic Aneurysm	2	—	2
465	Pulmonary Embolism	—	3	3
480	Influenza with Pneumonia	1	—	1
490	Lobar Pneumonia	2	1	3
491	Broncho Pneumonia	4	9	13
493	Pneumonia Unspecified	1	—	1
500	Acute Bronchitis	1	—	1
502	Chronic Bronchitis	11	1	12
522	Hypostatic Pneumonia	—	1	1
523.3	Pneumoconiosis	1	—	1
540	Gastric Ulcer	—	2	2
540.1	Gastric Ulcer with Perforation	—	1	1
541	Duodenal Ulcer	—	1	1
560.2	Exomphalos	—	1	1
561.2	Strangulated Umbilical Hernia	—	1	1
570.2	Mesenteric Thrombosis	—	1	1
570.5	Intestinal Adhesions with Obstruction	—	1	1
572.1	Perforated Diverticulum	—	1	1
581	Cirrhosis of Liver	—	1	1
592	Chronic Nephritis	—	2	2
593	Bilateral Renal Failure	1	1	2

Causes of Death, 1964—continued

Code No.	International Classification	Male	Female	Total
600	Pyelo Nephritis	—	2	2
715	Decubitus Ulcers	—	1	1
744.1	Muscular Dystrophy	1	—	1
752	Congenital Hydrocephalus	—	1	1
754	Congenital Heart Disease	2	1	3
760	Intracranial Birth injury	1	1	2
760.5	Intracranial Birth Injury with Prematurity	1	—	1
761	Intra Uterine Infection	1	—	1
762	Atelectasis	1	—	1
776	Prematurity	1	—	1
792	Uraemia	2	1	3
E 812	Motor Vehicle Accident to Pedestrian ...	1	—	1
E 814	Motor Accident to Passenger on Motorcycle	—	1	1
E 815	Motor Accident to Driver of Motorcycle (Collision with non-vehicular object) ...	1	—	1
E 816	Motor Vehicle Accident more than one Vehicle	1	1	2
E 821	Motorcycle Accident (without collision) ...	2	—	2
E 824	Thrown from Public Service Vehicle ...	—	1	1
E 851	Accidental Drowning	1	—	1
E 871	Accidental Barbiturate Poisoning	—	1	1
E 890	Accidental Gas Poisoning	1	—	1
E 892	Accidental Carbon Monoxide Poisoning ...	1	—	1
E 903	Fall on Level	1	4	5
E 970	Suicide Overdose of Aspirin	—	1	1
E 974	Suicide by Hanging	2	—	2
N 801	Fracture Base of Skull	1	—	1
N 821	Fracture of Femur	1	—	1
N 862	Crush Injury to Chest	1	—	1
N 933	Inhalation of Vomit	1	—	1
		205	178	383
	Deaths over 65 years of age	119	132	251
	Deaths 1-4 years inclusive	1	—	1

Deaths 1955-1964 (1-4 Years)

Year	1 yr.	2 yrs.	3 yrs.	4 yrs.	Total
1955	—	—	1	1	2
1956	—	—	—	—	—
1957	—	—	—	—	—
1958	—	—	—	—	—
1959	—	—	—	1	1
1960	—	—	—	—	—
1961	—	—	—	—	—
1962	1	—	1	4	6
1963	1	—	1	2	4
1964	1	—	—	—	1

Monthly Deaths, 1964

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Number of Deaths each month	39	41	39	23	31	19	22	34	26	33	32	44	383

		Live Births		Still Births		Infant Deaths Under 4 Weeks		Infant Deaths Under 1 Week	
		M.	F.	M.	F.	M.	F.	M.	F.
Total	...	312	321	5	10	6	4	4	3
Legitimate	...	300	310	5	9	6	3	4	2
Illegitimate	...	12	11	—	1	—	1	—	1

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
No of live births	585	624	610	608	712	627	602	629	660	633
No. of deaths	357	370	348	365	371	381	341	361	413	383
Excess of births over deaths	228	254	262	243	341	246	261	268	247	250

Causes of Infant Deaths

No.	Cause	Sex	Where Death Occurred	Age
1	Pneumonia due to Intrauterine Infection	M	Hospital	3 days
2	Tentorial Tear ...	M	Hospital	1 day
3	Congenital Heart Disease ...	M	Hospital	1 week
4	Asphyxia (Inhalation of Vomit) ...	M	Home	4 months
5	Hydrocephalus ...	F	Hospital	30 minutes
6	Congenital Heart Disease ...	F	Hospital	1 week
7	Congenital Heart Disease ...	M	Hospital	1 month
8	Atelectasis, Cong. Heart Dis., Diaphrag. Hernia ...	M	Hospital	30 minutes
9	Myocarditis ...	F	Hospital	7 months
10	Exomphalos and Congenital Heart Dis.	F	Hospital	2 days
11	Prematurity ...	M	Hospital	1 week
12	Cerebral Haem. with Prematurity ...	M	Hospital	2 days
13	Atelectasis, Cerebral Haem., Birth Injury	F	—	New Born
14	Broncho-Pneum., Cold Injury, Cong. Heart Disease ...	F	Hospital	1 month

Perinatal Deaths, 1955-1964

Year	Still Births	Deaths under 1 week	Perinatal Deaths (Still Births and Deaths under 1 wk.)	Deaths under 1 month	Deaths under 1 year
1964	15	7	22	10	14
1963	10	9	20	9	11
1962	12	6	18	10	15
1961	8	9	17	11	13
1960	18	4	22	6	10
1959	13	9	22	12	16
1958	15	16	31	19	23
1957	19	4	23	7	12
1956	16	10	26	10	11
1955	19	14	33	15	21

Infant Deaths and Infant Mortality Rates for the Ten Years 1955-1964

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Infant Deaths	21	11	12	23	16	10	13	15	11	14
Infant Mortality Rates	35.8	17.6	19.5	37.8	22.4	15.9	21.5	23.8	16.6	22.1

CANCER DEATHS, 1964—Site and Age Distribution

SITE OF DISEASE	MALE						FEMALE							
	0-25	26-35	36-45	46-55	56-65	Over 65	Total	0-25	26-35	36-45	46-55	56-65	Over 65	Total
Malignant Neoplasm of														
Tongue	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Pharynx	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Oesophagus	—	—	—	—	—	1	1	—	—	—	—	1	6	7
Stomach	—	—	—	1	—	5	6	—	—	—	—	1	4	5
Large Intestine	—	—	—	1	—	1	1	—	—	—	—	1	2	3
Rectum	—	—	—	—	—	1	1	—	—	—	—	1	1	1
Liver	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancreas	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Maxillary Antrum	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Larynx	—	—	—	—	—	1	1	—	—	—	—	—	—	—
Bronchus and Lung	—	—	2	4	10	10	26	—	—	—	2	—	1	3
Breast	—	—	—	—	—	—	—	—	—	—	1	4	4	9
Cervix Uteri	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Corpus Uteri	—	—	—	—	—	—	—	—	—	—	—	—	1	2
Prostate	—	—	—	—	—	2	2	—	—	—	—	—	—	—
Bladder	—	—	—	—	—	2	2	—	—	—	—	—	—	—
Melanotic Sarcoma	—	—	1	—	—	—	1	—	—	—	—	1	—	1
Cerebral Tumour	—	—	—	1	—	—	2	—	—	—	—	—	—	1
Suprarenal Cortex	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Site Unspecified	—	—	—	2	—	—	2	—	—	—	—	—	—	—
Lympho Sarcoma	—	—	—	—	1	—	1	—	—	—	—	—	—	—
Multiple Myelomatosis	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Totals	—	—	3	10	13	25	50	2	—	2	4	8	19	35

CANCER DEATHS

Type All Causes	1964		1963		1962		1961		1960		1959		1958		1957	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	50	35	55	36	46	41	38	42	50	31	44	39	37	19	55	26
	85		91		87		80		81		83		56		81	
Bronchogenic ...	27	3	26	1	25	6	10	4	19	4	16	3	11	1	20	1
Stomach ...	2	7	9	3	4	7	11	5	10	7	5	6	11	4	13	6
Intestine ...	6	5	4	9	—	—	7	5	6	3	11	13	3	4	5	2
Female Organs	—	12	—	17	—	16	—	18	—	9	—	12	—	7	—	10
Others ...	15	8	16	6	17	12	10	10	15	8	12	5	12	3	17	7

ANNUAL HEALTH REPORT, 1964

Statistics for the Borough for the Ten Years 1955-1964

Year	Popula- tion	Deaths	Death Rate	Live Births	Birth Rate	Infant Deaths	Infant Death Rate	Neo- Natal Death Rate
1955	34420	357	10.3	585	16.8	21	35.8	25.6
1956	34470	370	10.7	624	18.1	11	17.6	16.0
1957	34440	348	10.1	610	17.8	12	19.5	14.6
1958	34620	365	10.5	608	17.5	23	37.8	31.2
1959	34760	371	10.6	712	20.4	16	22.4	16.8
1960	35050	381	10.8	627	17.8	10	15.9	9.5
1961	35970	341	9.4	602	16.7	13	21.5	18.2
1962	36400	361	9.9	629	17.2	15	23.8	15.9
1963	36440	413	11.3	660	18.1	11	16.6	13.6
1964	36320	383	10.5	633	17.4	14	22.1	15.8

INFECTIOUS DISEASE, 1964

There were 182 notifications of infectious disease during 1964. Of these 153 were measles. There were no cases of diphtheria, whooping cough or food poisoning.

MEASLES

There were 153 cases of measles notified. One interesting fact was the notification of five adult cases (three male and two female) the ages ranging from 18-30 years.

WHOOPING COUGH

For the first time since records have been kept no cases were notified.

SCARLET FEVER

There were 6 cases notified during the year.

DYSENTERY

Two isolated cases were notified.

MENINGOCOCCAL INFECTION

One case was notified.

PULMONARY TUBERCULOSIS

Fourteen cases notified during the year and one case of non-pulmonary tuberculosis (tuberculous adenitis).

NOTIFIABLE DISEASES, 1964—Age Distribution

Disease	Under 1 year	1 year	2 years	3 years	4 years	5 years	6-10 years	11-15 years	16-25 years	26-35 years	36-45 years	46-55 years	56-65 years	Over 65 years	N.K.	Total
Measles ...	7	15	26	16	18	44	20	2	2	3	—	—	—	—	—	153
Pneumonia ...	—	—	—	—	—	1	—	—	—	—	—	1	1	2	—	5
Scarlet Fever ...	—	—	—	—	2	1	3	—	—	—	—	—	—	—	—	6
Pulmonary Tuberculosis	—	—	—	—	—	—	1	—	1	2	4	1	1	4	—	14
Non-Pulm. Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Dysentery ...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	2
Meningococcal Infection	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Totals ...	8	16	27	16	20	46	24	2	3	5	4	2	2	7	—	182

Infectious Disease—Age Distribution, 1964

	Scarlet Fever		Whooping Cough		Acute Poliomyelitis				Measles		Diphtheria		Dysentery		Meningococcal Infection	
					Paralytic		Non-Paralytic									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Numbers originally notified																
Total (all ages) ...	2	4	—	—	—	—	—	—	68	85	—	—	2	—	1	—
Final numbers after correction :																
Under 1 year	—	—	—	—	—	—	—	—	3	4	—	—	1	—	—	—
1 year ...	—	—	—	—	—	—	—	—	6	9	—	—	—	—	1	—
2 years...	—	—	—	—	—	—	—	—	7	19	—	—	1	—	—	—
3 " ...	—	—	—	—	—	—	—	—	8	8	—	—	—	—	—	—
4 " ...	—	2	—	—	—	—	—	—	8	10	—	—	—	—	—	—
5-9 " ...	2	2	—	—	—	—	—	—	32	30	—	—	—	—	—	—
10-14 " ...	—	—	—	—	—	—	—	—	1	3	—	—	—	—	—	—
15-24 " ...	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
25 and over ...	—	—	—	—	—	—	—	—	2	1	—	—	—	—	—	—
Age unknown ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages) ...	2	4	—	—	—	—	—	—	68	85	—	—	2	—	1	—
	Acute Pneumonia		Small-pox		Acute Encephalitis				Enteric or Typhoid Fever		Para-Typhoid Fever		Erysipelas		Food Poisoning	
					Infective		Post Infectious									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Numbers originally notified :																
Total (all ages) ...	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Final numbers after correction :																
Under 5 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5-14 years ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15-44 " ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45-64 " ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 and over ...	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages) ...	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tuberculosis															
	Respiratory		Meninges		Other											
	M	F	M	F	M	F										
Numbers originally notified :																
Total (all ages) ...	10	4	—	—	—	1										
Final numbers after correction :																
Under 5 years	—	—	—	—	—	—										
5-14 years ...	1	—	—	—	—	—										
15-24 " ...	1	—	—	—	—	—										
25-44 " ...	4	2	—	—	—	—										
45-64 " ...	2	—	—	—	—	—										
65 and over ...	2	2	—	—	—	1										
Age unknown ...	—	—	—	—	—	—										
Total (all ages) ...	10	4	—	—	—	1										

TUBERCULOSIS, 1964

There were 14 cases of pulmonary tuberculosis notified during the year and one case of tuberculous adenitis.

One of these was discovered post mortem. It is possible that this patient may have infected many others unwittingly, because she had not had an X-ray or a sputum test in earlier years.

One school child was notified, but again half the cases were males over the age of 36 years and three of the four females were over 40 years—indeed, two were over 65 years.

The number of cases remaining on the register at the end of each year continues to decrease.

There were two deaths from pulmonary tuberculosis during 1964.

Tuberculosis, 1964

Age Groups	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
0-5	—	—	—	—	—	—	—	—
6-10	1	—	—	—	—	—	—	—
11-15	—	—	—	—	—	—	—	—
16-20	—	—	—	—	—	—	—	—
21-25	1	—	—	—	—	—	—	—
26-30	1	—	—	—	—	—	—	—
31-35	—	1	—	—	—	—	—	—
36-40	2	—	—	—	—	—	—	—
41-45	1	1	—	—	—	—	—	—
46-50	—	—	—	—	—	—	—	—
51-55	1	—	—	—	—	—	—	—
56-60	1	—	—	—	—	—	—	—
61-65	—	—	—	—	—	—	—	—
65 +	2	2	—	1	2	—	—	—
Totals	10	4	—	1	2	—	—	—
Grand Totals	14		1		2		—	

One notification (female 67 years) after death.

Tuberculosis Register, 31st December, 1964

	MALES		FEMALES		TOTALS Pulm. and Non- Pulm.
	Pulm.	Non- Pulm.	Pulm.	Non- Pulm.	
Number of cases remaining on the Register on 31st December, 1963	138	14	114	32	298
Number of cases remaining on the Register on 31st December, 1964	131	11	95	32	269

Tuberculosis 1955-1964

	Notifications			Number of T.B. Deaths per Year	Death Rate per 1,000 Population
	Pulmonary	Non- Pulmonary	Total		
1955	69	10	79	6	0.17
1956	46	6	52	7	0.20
1957	36	8	44	7	0.20
1958	14	5	19	3	0.08
1959	32	8	40	4	0.11
1960	23	4	27	2	0.06
1961	30	3	33	2	0.06
1962	26	2	28	3	0.08
1963	13	2	15	1	0.02
1964	14	1	15	2	0.05

Pulmonary Tuberculosis Case Rate per 1,000 Population

1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
15.2	14.7	15.2	13.3	11.7	10.8	10.2	7.6	6.9	6.2

Annual Returns for 10 years of Notified Cases of Infectious Diseases

Year	Scarlet Fever	Diphtheria	Erysipelas	Pneumonia	Meningococcal Infection	Dysentery	Ophthalmia Neonatorum	Tuberculosis (Pul.)	Tuberculosis (Other)	Whooping Cough	Measles	Para Typhoid Fever	Malaria	Ac. Poliomyelitis (Paralytic)	Ac. Poliomyelitis (Non-Paralytic)	Ac. Encephalitis (Infective)	Food Poisoning	Puerperal Pyrexia
1955	11	—	11	24	2	108	—	69	10	65	853	—	—	3	—	—	8	2
1956	12	—	2	15	1	8	—	46	6	177	63	2	—	2	—	—	7	6
1957	11	—	7	9	—	203	—	36	8	56	859	—	—	2	—	—	2	1
1958	6	—	3	5	1	11	—	14	5	144	18	—	—	—	—	—	—	1
1959	14	—	7	10	—	12	—	32	8	6	886	—	1	—	—	—	4	1
1960	5	—	2	9	—	8	—	23	4	3	11	—	—	—	—	—	—	—
1961	1	—	1	5	—	2	—	30	3	3	733	—	—	—	—	—	1	—
1962	—	—	4	9	—	—	—	26	2	20	26	—	—	—	—	—	1	—
1963	3	—	3	10	—	3	—	13	2	96	929	—	—	—	—	—	1	—
1964	6	—	—	5	1	2	—	14	1	—	153	—	—	—	—	—	—	—

PART II—ENVIRONMENTAL HYGIENE

Your Worship, Ladies and Gentlemen,

For your information I am pleased to submit the following section dealing with Housing, Public Health and Food and Drugs.

I am,

Your Obedient Servant,

G. A. GILL, CERT. S.I.B., M.A.P.H.I.

Senior Public Health Inspector.

HOUSING

Slum Clearance.

The major task of the Department during 1964 was directed to the completion of the inspections and the submission of the Ridley No. 1 Compulsory Purchase Order, together with maps, schedules and reports, amounting in all to the representation of some 111 houses and 21 other buildings.

A Public Inquiry was held on the 23rd September, 1964, and the Order was confirmed without modification on the 10th February, 1965.

Also completed and prepared for representation was the Croft Clearance Area No. 1 comprising 51 houses and 1 other building.

Subject to confirmation of the Croft Clearance Area this completes so far as the Health Department is concerned the fourth stage of the Council's Post-War slum clearance programme as follows:—

Stage 1.	1947-1953	Rehousing and Clearance of the pre-war confirmed clearance areas at Bebside, Cowpen Colliery, Cowpen Square, East Regent Street, Quayside and South Newsham.
Stage 2.	1947-1955	Treatment of Individual Unfit Houses at Kitty Brewster, Phoenix Street, Bowes Street, Tweedy Street, Parsons Street, etc.
Stage 3.	1955-1960	Five Year Slum Clearance Programme dealing with Seaton Sluice, Harper and Marlow Street and individual unfit houses at Crofton, High Street, Wanley Street, etc.
Stage 4.	1963-1964	Two year slum clearance programme dealing with Percy Street, Stanley, Freehold, Carlton and Wellington Street area and part of Disraeli and Gladstone Streets.

The summary on P. 20 shows that, **excluding** the Ridley and Croft areas of 162 houses, a total of 1,610 houses have been demolished or closed as a result of this action but,

despite this, a further programme of slum clearance of the 19th century houses in the Croft, Waterloo, Ridley and Delaval Wards remain to be dealt with before all the houses in the Borough can be said to be free of the major defects of dampness and disrepair and are provided with the basic standards of a bathroom, an internal water closet and a hot and cold water supply. The completion of the five year construction programme of some 1,600 houses adopted in 1964 and revised in 1965 presents a golden opportunity to clear the worst of the remaining areas and still leave a pool for ordinary rehousing applications, provided the qualified staff are available to carry out the surveys.

Improvement Grants.

81 detailed surveys were made with respect to discretionary and standard grants and a total of 19 standard and 16 discretionary were approved with 6 standard and 13 discretionary completed. See summary Ps. 22 and 23.

The Housing Act, 1964, the major part of which came into operation in August, 1964, extended the amount of contribution in respect of standard grants and also introduced a reduced standard of a hot and cold water supply at a sink, a water closet and satisfactory food storage facilities where the dwelling could not be improved to the full standard at reasonable expense.

A more important feature of the Act was the introduction for the first time of powers for the compulsory improvement of dwellings by means of "Improvement Areas" and these were the subject of a report to the Housing Committee in October.

Houses in Multiple Occupation.

To the best of our knowledge, there are only six properties which might be classed as houses in multiple occupation and the position at the end of 1964 was

12 Wensleydale Terrace	Three lettings.
14 Wensleydale Terrace	Leased for twelve months to sole occupier as boarding establishment. Property to be sold on termination of lease.
63 Bondicar Terrace	Three lettings. No change.
Tower House	Five tenants rehoused following Closing Order. Now demolished.
382 Cowpen Road	Four tenants rehoused following Closing Order.
25 Percy Street	Three lettings. Included in Ridley C.P. Order.

Houses for Agricultural Population.

Annual Certificates were issued in respect of the fourteen new dwellings constructed since 1958.

Removal of Aluminium Bungalows.

35 bungalows at Fallow Park Avenue, Isabella Colliery, were demolished at the end of 1964.

Housing Act, 1957—Individual Unfit Houses.

20 houses were demolished and 9 closed during the year.

9 houses or parts of buildings were the subject of representations as being unfit.

The following Orders became operative.

	<i>Houses</i>	<i>Persons</i>	<i>Families</i>
Section 17—Demolition	—	—	—
Section 17—Closing in lieu of demolition	6	19	7
Section 18—Closing (Parts of Buildings)	6	20	7
	12	39	14

Undertakings.

The undermentioned dwelling was the subject of an undertaking to repair.

62 Salisbury Street. Ground Floor Flat.

Change of Use.

Application was made for change of use in respect of the undermentioned dwellings, subject of Closing Orders.

<i>Address</i>	<i>Remarks</i>
Commercial Buildings	For use as Workshop—Refused.
4 Marine Terrace East	Storage of Newspapers, books and periodicals.
9 and 9 Bk. Croft Road.	
18 Kitty Brewster Road.	Conversion to Betting Shop.

Rent Act, 1957.

There was one application for a Certificate of Disrepair, for which an Undertaking by the Landlord was accepted.

The present position with regard to outstanding applications is:—

1. Certificates of Disrepair issued	38
2. Certificates issued to Tenants for certificates of non-compliance with undertakings.	26

HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE

Return for Year ended 31st December, 1964

		Houses Demolished	Displaced during year	
			Persons	Families
A. HOUSES DEMOLISHED :—				
In Clearance Areas.				
(1)	Houses unfit for human habitation	Nil	Nil	Nil
(2)	Houses included by reason of bad arrangement, etc.	Nil	Nil	Nil
(3)	Houses on land acquired under Sec. 43 (2), Housing Act, 1957	Nil	Nil	Nil
Not in Clearance Areas :—				
(4)	As a result of formal or informal procedure under Sec. 17 (1), Housing Act, 1957 ...	20	—	—
(5)	Local Authority owned houses certified unfit by M.O.H.	Nil	Nil	Nil
(6)	Houses unfit for human habitation where action has been taken under local Acts ...	Nil	Nil	Nil
(7)	Unfit houses included in Unfitness Orders ...	Nil	Nil	Nil
A2				
Number of dwellings included above which were previously reported as closed :		6	Nil	Nil
B. UNFIT HOUSES CLOSED :—				
(8)	Under Sec. 16 (4), 17 (1) and 35 (1), Housing Act, 1957	3	23	8
(9)	Under Secs. 17 (3) and 26, Housing Act, 1957	Nil	Nil	Nil
(10)	Parts of buildings closed under Sec. 18, Housing Act, 1957	6	27	8
C. UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED :—				
		By Owner	By Local Authority	
(11)	After informal action by Local Authority	34	Nil	
(12)	After formal notice under :			
(a)	P.H. Acts	44	Nil	
(b)	Secs. 9 and 16, Housing Act, 1957	Nil	Nil	
(13)	Under Sec. 24, Housing Act, 1957	—	Nil	
D. UNFIT HOUSES IN TEMPORARY USE (Housing Act, 1957) :—				
Position at end of Year		No. of houses	No. of separate dwellings contained in Col. 1.	
		(1)	(2)	
(14)	Retained for temporary accommodation :—			
(a)	under Sec. 48	Nil	Nil	
(b)	under Sec. 17 (2)	Nil	Nil	
(c)	under Sec. 46	Nil	Nil	
(15)	Licensed for temporary occupation under Secs. 34 or 53	Nil	Nil	
E. PURCHASE OF HOUSES BY AGREEMENT :—				
(16)	Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased in the year	Nil	Nil	

The Total figures since 1945 are :—

	CLEARANCE AREAS		DEMOLITION ORDERS		CLOSING ORDERS		TOTAL	
	Houses Demolished	Persons Displaced	Houses	Persons Displaced	Houses	Persons Displaced	Houses	Persons Displaced
1945/50	399	1,875	55	432	1	4	455	2,311
1951	139	339	2	4	10	19	151	362
1952	67	220	76	298	8	36	151	554
1953	112	362	64	194	27	120	203	676
1954	—	—	33	103	37	131	70	234
1955	—	—	22	82	21	81	43	163
1956	109	—	4	22	23	119	136	141
1957	31	3	15	74	15	59	61	136
1958	2	184	3	26	23	51	28	261
1959	57	—	4	39	29	107	90	146
1960	10	—	10	92	34	105	54	197
1961	—	—	46	23	11	52	57	75
1962	—	—	28	13	20	68	48	81
1963	—	—	27	1	7	16	34	17
1964	—	—	20	—	9	50	29	50
	926	2,983	409	1,403	275	1,018	1,610	5,394

No. of dwellings included above which were previously regarded as Closed (now demolished).

1961— 8	} 47
1962—15	
1963—18	
1964— 6	

In addition to the above figures 35 Pre-fabricated Dwellings were demolished.

HOUSE CONSTRUCTION

						1963		1964	
						<i>With State Assistance</i>	<i>Un-aided</i>	<i>With State Assistance</i>	<i>Un-aided</i>
HOUSES COMPLETED IN 1964 :									
Permanent Traditional—Contractor	...	...	...	...	...	15	—	68	—
HOUSES IN PROGRESS, 31/12/64 :									
Permanent Traditional—Contractor	...	...	...	...	...	62	—	126	—
Non Traditional—Contractor	...	...	...	...	...	—	—	24	—
HOUSES APPROVED BY MINISTRY OF HOUSING AND LOCAL GOVERNMENT						18	—	114	—
						(Harper & Marlow St.)			
HOUSES COMPLETED POST-WAR BY COUNCIL UP TO 31/12/64 :									
Permanent Traditional	...	...	...	...	...	2,364	2	2,432	2
Permanent Non-traditional	...	...	...	...	...	150	—	150	—
Permanent Prefabricated—B.I.S.F.	...	...	...	...	...	72	—	72	—
Permanent Prefabricated—Aluminium	...	...	...	...	...	59	—	24	—
Permanent Prefabricated—Tarran	...	...	...	...	...	44	—	44	—
HOUSES COMPLETED BY PRIVATE ENTERPRISE 1964 :									
Traditional	...	...	...	...	...	—	69	—	50
HOUSES COMPLETED POST-WAR BY PRIVATE ENTERPRISE :									
Traditional	...	...	...	...	...	2	914	2	964
HOUSES PROVIDED UNDER THE HOUSING (TEMPORARY ACCOMMODATION) ACT, 1944 :									
Links View 49 North Farm 57	...	...	...	...	...	106	—	106	—

STANDARD GRANTS—SUMMARY

APPLICATIONS.

Year	Approved	Refused	Owner-Occupied Grant	Tenanted Grant
			£ s. d.	£ s. d.
1959	1	—	115 0 0	—
1960	12	1	1,240 0 0	115 0 0
1961	5	—	470 0 0	155 0 0
1962	9	—	1,200 0 0	145 0 0
1963	2	—	215 0 0	—
1964	19	—	695 0 0	1,550 0 0
	48	1	£3,935 0 0	£1,965 0 0

COMPLETIONS.

Year	Owner-Occupied		Tenanted		Fixed Bath or Showers	Wash-Basins	Hot Water Supplies	Water Closets	Food Storage Facilities
	No.	Grant	No.	Grant					
		£ s. d.		£ s. d.					
1960	6	544 15 8	—	—	3	3	3	5	4
1961	9	1,021 8 9	1	98 5 7	8	9	7	9	7
1962	—	—	1	113 13 8	1	1	1	1	—
1963	6	755 10 10	—	—	6	6	5	6	2
1964	6	779 15 0	1	136 18 8	6	6	6	7	2
	27	3,101 10 3	3	348 17 11	24	25	22	28	15

COUNCIL OWNED.

1964	880	(For provision of wash-hand basins).
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DISCRETIONARY GRANTS—SUMMARY

APPLICATIONS

Year	Applications		Owner-Occupied Grant	Tenanted Grant	Completions		
	Approved	Refused			Owner-Occupied	Grant	Tenanted	Grant
1955	19	5	£ s. d. 2,641 0 0	£ s. d. 155 0 0	1	£ s. d. 120 0 0	—
1956	9	—	1,384 0 0	—	7	1,006 0 0	—
1957	186	—	334 0 0	30,264 0 0	—	—	1
1958	13	1	684 0 0	3,220 0 0	3	723 0 0	5
1959	8	1	656 0 0	437 0 0	2	220 0 0	190
1960	5	1	953 0 0	—	5	855 0 0	2
1961	9	3	1,322 0 0	641 0 0	3	482 0 0	1
1962	3	—	592 0 0	—	1	229 0 0	—
1963	17	—	3,171 0 0	1,717 0 0	4	909 0 0	—
1964	16	—	2,940 0 0	1,188 0 0	12	2,948 0 0	6
	285	11	14,677 0 0	37,622 0 0	38	7,492 0 0	205
Totals:			£ s. d. 14,677 0 0		No.	£ s. d.	
			37,622 0 0		38	7,492 0 0	
			£52,299 0 0		205	35,542 0 0	
			£52,299 0 0		243	£43,034 0 0	

CONVERSIONS

CONVERSIONS

Year	Applies. Approved	No. of Dwellings	Owner-Occupied		Tenanted Grant	Completions		
			£	s. d.		Owner-Occupied	Grant	Tenanted	Grant
1959	2	4	£	s. d.	£	s. d.	£	s. d.
1960	1	1	—	—	634	0 0	—	—
1961	3	3	281	0 0	—	—	2	317 0 0
1962	1	1	290	0 0	447	0 0	2	317 0 0
1963	2	2	297	0 0	—	—	—	—
1964	—	—	159	0 0	196	0 0	—	—
			—	—	1	159 0 0	1	196 0 0
	9	11	1,027	0 0	3	737 0 0	5	830 0 0
					No.	£	s. d.	
					3	737	0 0	
					5	830	0 0	
					8	1,567	0 0	

PUBLIC HEALTH

Part II—Sanitation and Buildings

DRAINAGE, REFUSE AND VERMINOUS PREMISES.

The undermentioned free services were provided during the year:—

Cleansing of choked drains	76
Removal of unwanted household effects	1,318
No. of houses treated for insect pests ...	285

It is interesting to note that in 1954 the number of items of bedding and other unwanted household effects totalled 319, and numerous complaints were made of the deposit of unwanted articles on open spaces in the Borough. Since then the knowledge that the Corporation will remove such articles free of charge has become widespread but despite this the Department is still notified of such malpractices.

Following complaint of the contamination of agricultural land, Horton Road, detailed investigation of the drainage system of Horton Vicarage was made and plans have now been submitted for modification to the sewage outlet.

BUILDING BYELAWS AND SANITATION.

Attention was given during the year to new development work affected by Housing, Public Health, Food and Drugs, Clean Air etc. legislation.

Part III—Nuisances

1,527 visits were made with regard to complaints and general public health matters. See summary P. 41.

SPOILBANKS.

Since the cessation of tipping in 1962 there has been no public health complaint.

Under active consideration by the Parks Committee is the lay-out of an eighteen hole golf course on the site of the present New Delaval Spoilbank which has been inert for some time.

COAL DISPOSAL POINTS.

I am indebted to the Regional Open-Cast Executive for the following figures on stockpiling:—

	December, 1963 Tons	October, 1964
Bebside Disposal Point	289,528	Site Cleared

Part IV—Water Supply

The water supply to the Borough is entirely by mains supply by the Newcastle and Gateshead Water Company, to whom I am indebted for the following consumption figures:—

<i>Source of Supply</i>	<i>Gallons</i>
Newcastle & Gateshead Water Co.	406,591,000
Tynemouth Corporation Water Board	2,973,000

BACTERIOLOGICAL ANALYSES.

52 samples of water were taken, details of which are given below:—

<i>Site</i>	<i>Highly Satisfactory</i>	<i>Sat.</i>	<i>Suspicious</i>	<i>Unsatisfactory</i>	<i>Total</i>
1. Dinsdale, Marine Tce.	7	—	1	2	10
2. 26/40 St. Ronan's Drive, Seaton Sluice	7	—	—	1	8
3. Camping Ground, South Newsham, Blyth	5	—	1	—	6
4. Link House Caravan Site	2	—	—	—	2
5. Ridley Park, Drinking Ftn.	2	—	—	1	3
6. Ridley Park Lodge	2	—	—	—	2
7. Shelter Convenience, Seaton Sluice	1	—	—	—	1
8. Astley Arms Car Park, Seaton Sluice	1	—	—	—	1
9. First Aid Post, Links and Foreshore	1	—	—	—	1
10. Miniature Golf Hut, Links and Foreshore	1	—	—	—	1
11. Electrotechnic Ltd., Kitty Brewster Trading Est.	3	—	1	1	5
12. Bebside C.P. School	2	—	2	—	4
13. Service Tailors Ltd.	1	—	—	—	1
14. Bates Colliery Canteen	1	—	—	—	1
15. Co-operative Diary	1	1	—	—	2
16. Grammar School	2	—	1	—	3
17. Morpeth Road Central Kitchen	1	—	—	—	1
	40	1	6	5	52

As soon as suspicious or unsatisfactory bacteriological reports were received immediate notification was given to the Water Board and the follow-up samples submitted produced highly satisfactory results. In most instances the unsatisfactory reports were due to local mains disturbance but no *B. Coli.* was present.

CHEMICAL ANALYSES.

No sample of drinking water for chemical analysis was submitted during the year.

Part V—Prevention, Treatment and Notification of Infectious Diseases

66 investigations were made, primarily in connection with contacts of tuberculosis notifications.

Part VI—Mortuaries and Post Mortem Rooms

The Mortuary was used on 30 occasions, details being:—

<i>Authority</i>	<i>Bodies</i>	<i>Post-Mortems</i>
Borough of Blyth	26	23
Bedlington U.D. Council	2	1
River Blyth Port Health Authority	2	2

As before, Mr. Wade acted as part-time mortuary attendant.

Part IV—Public Health Act, 1875

Part VIII—Public Health Act, 1936

PADDLING POOL, RIDLEY PARK.

Following completion of the new pool in 1963, regular Ph. and Residual Chlorine tests were carried out. Apart from one or two minor difficulties the screening, filtration and chlorination plant functioned adequately and the water was maintained to a satisfactory bacteriological and chemical standard. The problem of the insufficient water supply to the southern end of the park was discussed with the Borough Engineer and provision is being made in the financial estimates for 1965/66 to improve this.

PROPOSED NEW SWIMMING BATHS.

Progress on these proposals was well advanced at the end of the year.

Part X—Miscellaneous

WATERCOURSES.

Tynedale Drive.

One sample of water was submitted for chemical analysis and whilst there is a progressive decrease in acidity and sulphates as shown in the reports for 1961/2/3—(See pages 38/9 Annual Report, 1963), the water is still too acid. Details of the Public Analyst's report are given on P. 28.

Kitty Brewster.

No complaints were received as to the condition of the water and it was not thought necessary to submit a sample for chemical examination.

Discussions have taken place with the Borough Engineer with a view to the eventual culverting of this section as the development of the Trading Estate is advanced.

Egg Pond to Seaton Burn.

Following the remedial measures carried out by the Borough of Whitley Bay in 1963, no further complaints were received.

Lysdon and Meggie's Burn.

Apart from fly infestation in the vicinity of the Camping Ground, no major complaint was made but the condition of this burn will be kept under review.

ANALYSES OF WATER

1961

1962

1961/2/3

Water from open watercourse, Tynedale Burn

Chemical

Sample 1/CW/61

Sample 2/CW/62

Acidity to Methyl Orange as H ₂ SO ₄	1,421	Parts per million	3,210	Parts per million
Sulphates as SO ₃	7,786	" " "	6,826	" " "
Dissolved oxygen	None		2.5	" " "
pH value	2.3		2.8	

REPORT

This sample of water is highly acid with sulphuric acid, and it would be wise, therefore to prevent children from playing about with the water.

This water is detrimental to fish-life and should not be allowed into a watercourse.

REPORT

This sample of water is very highly acid with sulphuric acid — more than twice the acidity of the sample examined in March of last year (1/CW/61). The water would be lethal to fish life and in its present condition must not be allowed access to a watercourse.

1963

1963

SAMPLE 2/CW/63

SAMPLE 3/CW/63

Acidity to Methyl Orange expressed as H ₂ SO ₄ ...	1,049	Parts per million	715.4	Parts per million
Sulphates as SO ₃ ...	2,679	" " "	3,845	" " "
Dissolved oxygen ...	0.3	" " "	None	
pH value	2.5	" " "	2.8	" " "

REPORT

Although this sample is very highly acid it is much less so than the corresponding sample (2/CW/62) submitted in November, 1962, and slightly lower than the one submitted in March, 1961 (1/CW/61). The sulphate content has also shown a progressive decrease.

The virtual absence of dissolved oxygen indicates that the water would be lethal to fish.

REPORT

This water is still extremely acid, although somewhat less so than the sample marked 2/CW/63, examined on 23rd February last (Lab. Ref. 354/213). Dissolved oxygen is absent.

This watercourse would be lethal to fish.

1964

WATER FROM TYNEDEALE WATERCOURSE

Sample 1/CW/64

Acidity to Methyl Orange expressed as CaCO ₃	135	parts per million
Sulphates as SO ₃	711	" " "
Dissolved oxygen	7.9	" " "
pH value	2.9	" " "

REPORT

The progressive decrease in acidity and sulphates shown in previous samples (354/213, Feb. 1963 and 355/21a April, 1963) continues in this sample. The sample is, however, still acid to Methyl Orange. Although Dissolved oxygen is present in sufficient amount to support fish life the water is still too acid.

TENTS, VANS AND SHEDS:

Camping Ground, South Newsham.

The inauguration of the Council's new Camping Ground was, from the campers' point of view, an unqualified success, and visitors from many parts of the country expressed their appreciation of the facilities provided. Information regarding standards for such sites has been obtained from the British Travel and Holiday Association and The Camping Club of Great Britain and Ireland and forwarded to the Chairman of the Parks Committee and the Borough Engineer so that consideration may be given to the provision of further amenities.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960.

The position at the end of 1964 was as follows:—

- | | |
|--|--|
| 1. Link House Gardens, Blyth.
(Holiday Site, 75 Caravans). | Planning permission for extension to site dated 2nd December, 1963, to expire 31st December, 1971.
Existing use Site Licence issued 18th February, 1963. |
| 2. Link House Filling Station
(now known as Service Garage Links Road, Blyth. Permanent Residential, Four Caravans. | Existing use Site Licence issued 15th November, 1963.
One caravan on site at end of year. |
| 3. Old Pottery, South Newsham
(Permanent Residential—Thirty Caravans). | Planning permission issued 15th June, 1962, for period ending 31st December, 1971.
Site Licence issued 9th March, 1962. |
| 4. High House Farm, Bebside
(One residential Caravan). | Planning permission issued 9th February, 1962, to expire on the 31st December, 1964.
Site Licence issued 21st February, 1962.
New permission issued 15th January, 1965, to expire 31st December, 1967. |
| 5. Malvin's Close (Permanent Residential—Eight Caravans) | Planning permission issued 14th September, 1962, to expire 31st December, 1967.
Site Licence issued 18th September, 1962. Five caravans on site at end of year. |
| 6. South Newsham Camping Site. (One Residential Caravan) | Planning Permission issued 28th April, 1964. |

Unauthorised Sites.

Nil.

Proposed Sites.

- | | |
|---|--|
| 1. Extension to Link House Gardens, Links Road. | Amended planning permission for extended caravan site issued 15th January, 1965.
Application for revised Site Licence Pending. |
| 2. South Newsham. | Council's appeal against decision of local planning authority in respect of permanent and temporary residential caravan sites at South Newsham allowed. Decision not to proceed. |

THE CLEAN AIR ACT, 1956

INDUSTRIAL AND COMMERCIAL FURNACES.

New Installations.

<i>Situation</i>	<i>Type of Heating</i>
1. Electrotechnic Ltd., Kitty Brewster Trading Estate.	"Lincoln" Ducted Warm Air Unit to Offices—Gas Fired Overhead Radiant Gas Heaters to Factory.
2. Industry Suppliers Ltd., Kitty Brewster Trading Estate.	Gas Fires to Offices. Overhead Radiant Gas Heaters to Factory.
3. R.C. Comb Ltd.	1 C.A. 300 Powermatic Oil Fired Space Heater to Factory. Prior Approval issued 13th November, 1964.
4. Duke of Wellington Social Club. North Farm.	Beeston Oil Fired Automatic. Prior Approval issued 14th February, 1964.
5. Blyth Central Methodist Church Youth Centre.	Crane Carlton Oiltherm Automatic. Prior Approval issued 14th February, 1964.
6. Service Tailoring Co. Ltd., Cowpen Road.	Cochrane Coal Fired Boiler with "Ridley" Underfeed Stoker. Prior Approval issued 1st May, 1964.
7. Spartan Hotel, Twelfth Ave.	Two "Lennox" Ducted Warm Air Units—Gas fired.
8. Bebside & Cowpen Boys' Club	"Drugasar" Convecter Gas Heaters.
9. General Post Office	One No. Ideal No. 2. G.B.B. 8 Gas Fired Boiler with low pressure pump circulators to radiators, pipe coils and convectors Hot Water Appliances by Ascot Gas Heaters.

Pending.

<i>Situation</i>	<i>Type of Heater</i>
1. T.A. Centre, Cowpen Road.	1 No. Potterton F.O.A. 875 sectional boiler—Oil fired. Rated output not less than 875,000 Btu/hr. Prior approval issued 9th October, 1964.
2. Wellesley Nautical School. Boys' Houses.	2 No. Potterton F.O.A. 750 sectional boilers—Oil Fired. Rated output not less than 750,000 Btu/hr. each boiler. Prior approval issued 13th November, 1964.
3. New Swimming Baths.	2 No. welded mild steel fire tube heating boilers with underfeed stokers Rated output not less than 1,800,000 Btu/hr. each boiler.
4. Bebside and Cowpen Social Club.	
5. Astley Arms, Seaton Sluice.	

Domestic Appliances.

As a result of the amendment of the Clean Air Act, 1956 by the Housing Act, 1964, relating to the grant payable for the conversion of fuel burning appliances in houses constructed or converted after 16th July, 1956, and before August, 1964, the Council recommended that closed stove type heating appliances be installed in all new Council houses.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

The principal provisions of this Act came into force during 1964, commencing on the 1st May, with the responsibility of anyone employing or intending to employ after that date any person in an office, shop or railway premises, to send notification in the prescribed form to the Authority responsible for enforcing the Act.

In addition to the statutory requirements of the Act, the Minister of Labour is empowered to make Regulations dealing with specific requirements, and a number of these have now been issued.

The requirements with which we are to deal are:—

Registration of premises; Cleanliness; Overcrowding; Temperature; Ventilation; Lighting; Sanitary conveniences; Washing facilities; Drinking water; Accommodation for clothing; Seating arrangements; Seats for sedentary workers; Eating facilities; Floors; passages and stairs; Fencing of exposed parts of machinery; Cleaning of machinery; Training and supervision of persons working at dangerous machines; Prohibition of heavy work; First aid; Penalisation of dangerous acts and interference with equipment; Dangerous conditions and practices; Information for employees; Notification of accidents.

The position at the end of the year was that a new survey of all factory premises in the Borough had been carried out and the scheduled information forwarded to H.M. Inspector of Factories, so that problems of demarcation could be ironed out. In addition 316 Form OSR.1. had been received and recorded, which must fall far short of the actual number, but only a small number of inspections or interviews had been made, principally as a result of enquiries.

Two notifications of accidents were received and investigated and in one instance the necessary remedial measures to prevent a repetition were completed.

The Circulars, Orders and Regulations issued by the Ministry are extremely detailed and voluminous and the loss of the services of Mr. Cheetham, Additional Public Health Inspector was a severe setback as he had been instructed to specialise on this subject. It is preferable that a qualified inspector carry out these duties rather than some other unqualified person specially appointed, as it will be necessary to inspect types of premises where compliance with Food and Drugs, Public Health and other legislation can be observed at the same time.

GENERAL PUBLIC HEALTH MATTERS

A summary of visits to shops, factories, caravan sites and other premises is given on Pages 41 and 46.

Animal Destruction.

I am indebted to the Secretary of the R.S.P.C.A. for the following figures of animals humanely destroyed at the Albion Yard centre.

Dogs: 70

Cats: 10

Pet Animals Act.

There are three licensed dealers in the Borough and the requirements of the Act are observed.

Animal Boarding Establishments.

The sole animal boarding establishment at Furnace Road, Bebside, was reinspected and an amended renewal licence for the boarding of 15 dogs and 15 cats issued.

Agriculture (Safety, Health and Welfare Provisions) Act, 1956

No official inspections were carried out but general observation was made by the Rodent Officer during regular farm inspections.

Prevention of Damage by Pests Act, 1949.

Regular servicing and survey work is carried out to all Council properties, dwellinghouses, agricultural holdings, food and other business premises and in addition constant treatment was given to the Meggie's Burn and Bebside refuse tips and twice-yearly sewer treatments were carried out.

Details of the work of the Rodent Officer are shown on P. 33 and Mr. Wade also incorporates the work of Mortuary Attendant, and general handyman for drainage work and fumigations.

Noise Abatement Act, 1960.

The sole complaint received followed the installation of a new chiming clock in St. Cuthbert's Church Tower, which disturbed local residents initially. No action was taken.

Rag, Flock and Other Filling Materials Act, 1951.

There are no registered or licensed premises in the Borough, only two traders using filling materials for re-conditioning purposes, and the materials used satisfy the British Standard Institution Mark Scheme.

Prevention of Damage by Pests Act, 1949.

During the year, the following treatments were carried out:—

	No.	Baits Laid	Traps Laid	Ozs. Poison Bait Taken	No. of Bodies		Est. Kill Rats	No. of visits
					Rats	Mice		
Dwellinghouses ...	101	402	13	178	2	26	4	216
Gardens ...	73	270	16	564	69	—	155	267
Allotments ...	14	78	—	677	61	—	188	53
Food shops ...	19	302	—	98	—	29	2	45
Other shops ...	4	38	—	9	—	3	—	8
Licensed premises	5	134	—	50	1	15	1	13
Business premises	20	203	—	451	31	4	122	70
Sewers ...	2	20	—	122	3	—	40	8
Schools ...	9	159	2	61	1	7	8	22
Farms ...	5	88	—	348	37	19	91	20
Council property	22	1,775	—	1,280	438	4	1,852	87
Clubs ...	1	16	—	10	—	3	—	2
Cafes & Canteens	3	40	—	49	6	5	12	9
	278	3,525	31	3,897	649	115	2,475	820

FACTORIES ACT, 1961

Part I of the Act

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	22	31	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	105	160	18	Nil
iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	8	18	Nil	Nil
Total ...	135	209	18	Nil

2.—Cases in which DEFECTS were found:—

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1) ...	1	1	Nil	Nil	Nil
Overcrowding (S.2) ...	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3)	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4)	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6) ...	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7)					
(a) Insufficient	1	1	Nil	1	Nil
(b) Unsuitable or defective	22	19	Nil	Nil	Nil
(c) Not separate for sexes ...	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork) ...	Nil	Nil	Nil	Nil	Nil
Total ...	24	21	Nil	1	Nil

Part VIII of the Act Outwork (Sections 133 and 134)

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel { Making etc., Cleaning and Washing	2	Nil	Nil	Nil	Nil	Nil

FACTORIES, 1964

	Mechanical Power	No Mechanical Power
Bakeries	10	1
Blacksmith	1	
Boat Building & Repairs	1	
Boot & Shoe Repairs	3	
Building Operations	8	
Cabinet Making	3	
Car Spraying	1	
Clothing Alterations		3
Clothing Manufacture	2	
Composting	1	
Concrete Mixing	1	
Cooked Meat Products & Sausage Manufacture	10	
Cooked & Wet Fish Preparation		1
Coppersmiths	1	
Corn Grinders	1	
Cushion Manufacturer	1	
Cycle Repairs	1	
Dairies	1	2
Dress Making	1	
Dry Cleaning	1	
Electricity Distribution	1	
Electrical Components	1	
Electrical Engineering	2	
Electro-Plating	1	
Fibre-Glass—Plastics	2	
Foundry	1	
Gas Manufacturer—Distribution	1	
Ice Cream Manufacturers	2	
Building, Stone Crushing, Joinery	7	4
Life-raft Repairs		1
Locomotive Repairs	1	
Marine Engineering	2	
Marine Store	2	
Mineral Water Manufacturer	1	
Monumental Sculptor	2	
Motor Vehicle Repairs	22	
Motor Vehicle Recovery (Spares)	1	
Painting & Decorating		4
Paper & Baling		1
Pharmaceutical Products	1	
Plumbing		2
Printing	2	
Radio & Electrical Repairs	5	
Roller Conveyors	2	
Saddlery & Harness		1
Sawmills	1	
Sheet Metal & Welding	1	
Shipbuilding	1	
Slaughtering	1	
Slaters & Tilers		1
Sugar Confectionery	1	
Upholsterers	1	
Water Undertaking		1
Totals ...	113	22

FOOD AND DRUGS ACT, 1955

THE FOOD HYGIENE (GENERAL) REGULATIONS, 1960.

Owing to slum clearance programme and other commitments it was not possible to give as much attention to general inspection of food premises as heretofore. General figures of inspections are given in the summary on Pages 41 and 46.

NEW PREMISES.

The following newly constructed food premises were opened during the year.

2, Fifteenth Avenue	Messrs. V.G. Stores	Grocery and Provisions.
4, 15th Avenue	Mr. John Wm. Turney	Fried Fish and Potatoes.
6, 15th Avenue	Mr. John Gilbertson	Retail Bakery
Kiosk, Ridley Park	J. E. & E. Smith	Ice Cream and Sugar Confectionery.

FOOD PREMISES.

In accordance with the Ministry of Health's instructions the following information is given regarding food premises in the Borough.

Bakeries	6	Greengrocery	14
Combined Bakeries and Retail Shops	6	Grocery and Provisions	47
Retail Bakery	9	Hotels	2
Butchers	20	Ice-Cream Manufacturers	2
Cooked Meats	7	Licensed Premises	44
Departmental Stores	3	Licensed Clubs	23
Factory Canteens	6	Off Licences	17
Fish Fryers	16	Mineral Water Manufacturers	1
Food Manufacturers	2	Restaurants, Cafeterias and Snack Bars	12
Food Warehouses	3	School Kitchens	6
General Dealers	67	Sugar Confectionery—Retail	25
		Sugar Confectionery—Whole-sale	1
		Wet Fish	1
a total of 340			

REGISTRATIONS.

The number of premises registered under Section 16 of the Act are as follows:—

Bakehouses	12	Fish Fryers	16
Butchers	20	Ice-Cream Manufacturers	2
Cooked Meats	7	Ice-Cream Retailers	129
Preserved Food		1	

NEW REGISTRATIONS.

Fish Fryer	1
Ice-Cream	1
Ice-Cream (Pre-packed)	2

CANCELLATIONS.

Ice-Cream (Pre-packed)	1
------------------------	---

MILK AND DAIRIES REGULATIONS.

Milk bottles forwarded to the public health laboratory for examination gave the following results:—

<i>Satisfactory</i>	<i>Fairly Satisfactory</i>	<i>Unsatisfactory</i>	<i>Total</i>
62	1	3	66

Once again the bacterial counts per bottle were generally well below the prescribed minimum.

Samples of Pasteurised milk taken by the County Health Inspector gave the following results.

	METHYLENE BLUE TEST		PHOSPHATASE TEST		Total Samples
	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	
Tuberculin Tested ...	2	—	—	—	2
T.T. Pasteurised (Auto. Vending Machine)	1	—	1	—	2
Pasteurised ...	46	1	47	—	94
	49	1	48	—	98

ICE-CREAM (HEAT TREATMENT) REGULATIONS, 1959.

9 samples of heat treated ice-cream were taken from the sole manufacturer, of which 7 were Grade 1, 1 Grade 2 and 1 Grade 3.

8 samples were taken of cold mix ice-cream from the sole manufacturer, of which 7 were Grade 1 and 1 Grade 3.

THE SLAUGHTERHOUSE ACT, 1958.

Following the purchase of the Abattoir, Plessey Road, by the Blyth Co-operative Society Ltd., the Minister of Agriculture, Fisheries and Food extended the Appointed Day by which the premises must comply with the Slaughterhouse Construction Regulations from the 1st January, 1964, to 1st January, 1965, and a Renewal Licence was issued for the period ending 31st December, 1964.

At the expiration of the licence the necessary works had not commenced and a further application for extension of the Appointed Day had been submitted.

ANIMAL HEALTH.

10,997 animals were slaughtered, inspected and marked in accordance with the Meat Inspection Regulations, 1963, and a total of 590 visits were made for the purpose. Details of these are given in the statistics on Pages 39 and 40.

Under present arrangements where the slaughtering takes place each weekday and sometimes Saturday and Sunday on holiday occasions, it is not practicable to achieve 100% inspection at the time of slaughter, but 100% numerical inspection is achieved.

The figure of entire carcasses and organs condemned continues to expand rapidly, primarily due to the continued increase in the number of ewes slaughtered, which has jumped from 175 in 1962 to 995 in 1964.

Of the 69 animals so condemned (See Page 39) 54 were ewes as a result of a local butcher purchasing this type of low grade animal, principally for the wholesale meat trade.

CONDEMNED MEAT.

The total weight of carcasses, meat and organs found to be unsound was 3 tons 15 cwts. 1 qtr. 27lbs., the method of disposal being collection not less than twice weekly by Messrs. Tyneside Butchers Bye Products Ltd., who recover animal feeding stuffs, fertilisers, glues, fats and chemicals.

DISEASES OF ANIMALS.

No notifications were received during the year.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED FORM D.S. 97727/1.

	Cattle excl'ding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1,997	49	1	5,875	3,075
Number inspected	1,997	49	1	5,875	3,075
<i>All diseases except Tuberculosis and Cysticerci :</i>					
Whole carcasses condemned ...	—	1	—	66	2
Carcasses of which some part or organ was condemned ...	160	4	—	45	108
Percentage of the number inspected with disease other than tuberculosis and cysticerci	8.0	10.2	—	1.88	3.57
<i>Tuberculosis only :</i>					
Whole carcasses condemned ...	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	23
Percentage of the number inspected affected with tuberculosis... ..	—	—	—	—	0.7
<i>Cysticercosis :</i>					
Carcasses of which some part or organ was condemned ...	4	1	—	—	—
Carcasses submitted to treatment by refrigeration ...	1	—	—	—	—
Generalised and totally condemned	—	—	—	—	—

It was found necessary to condemn the following entire carcasses:—

Sheep	Ewes	Reason for Condemnation	Weight in lbs.
5	14	EMACIATION	656
	11	EMACIATION AND SEPTIC PNEUMONIA	498
	5	EMACIATION AND SEPTIC ARTHRITIS	220
	9	EMACIATION AND OEDEMA	372
2	2	SEPTIC PNEUMONIA	272
2	1	SEPTICAEMIA	196
	10	SEPTIC PERITONITIS	424
2		ARTHRITIS	60
1		OEDEMA	38
	1	GANGRENE	40
	1	TRAUMATISM	36
12	54		2,812
Pigs	Cows		
—	1	JOHNE'S DISEASE	410
1	—	PYREXIA	55
1	—	SWINE ERYSIPELAS	147
2	1		3,424

The following part carcasses and organs were condemned as unfit for human consumption.

	No.	Weight in lbs.
Part carcasses and organs of CATTLE	189	2,968
SHEEP	67	607
PIGS	113	1,456

ANIMALS SLAUGHTERED—SUMMARY, 1964

Month	Bulls	Bullocks	Heifers	Cows	Calves	Sheep	Pigs	Total 1964	Total 1963
January ...	1	118	43	16	—	573	263	1014	1036
February...	1	124	42	10	—	437	242	866	859
March ...	—	150	29	8	—	379	245	811	752
April ...	2	143	30	7	—	382	262	826	961
May ...	2	114	33	4	1	384	220	758	889
June ...	2	78	82	1	—	442	247	852	698
July ...	3	59	98	1	—	473	212	846	943
August ...	1	99	63	—	—	554	211	928	945
September	2	96	80	—	—	629	254	1061	1079
October ...	1	108	56	1	—	596	250	1012	1115
November	2	122	62	—	—	612	265	1063	1047
December	—	96	55	1	—	414	404	970	1087
Total 1964 ...	17	1307	673	49	1	5875	3075	10997	11411
Totals 1963 ...	2	1632	469	146	1	6030	3131	—	11411
2250									
1964	Sows	Boars	Tups	Ewes	All included in totals of Summary				
	522	—	—	995					
1963	503	1	—	684					

DETAILS OF SLAUGHTERING, 1964

	Slaughtering Days	Overtime Days	Hours	Saturdays	Sundays	Bank Holidays	Inspections
January ...	21	11	18	—	—	—	47
February ...	20	10	14½	—	—	—	51
March ...	21	9	11	—	—	Easter Monday	62
April ...	21	11	13½	—	—	—	54
May ...	22	8	10½	—	1	Whit. Monday	46
June ...	22	10	11¾	—	—	—	55
July ...	23	10	12	—	—	—	52
August ...	21	11	15	—	1	Bank Hol. Monday	36
September ...	24	14	16	—	3	—	37
October ...	22	12	14	—	—	—	44
November ...	22	13	17	—	1	—	50
December ...	23	7	10	1	1	—	56
	262	126	163½	1	7	3	590

UN SOUND FOOD.

The following complaints as to unsatisfactory or unsound foodstuffs were attended to during the year:—

- | | |
|-----------------------------------|---|
| 1. Seed pod in can of garden peas | Manufacturer notified |
| 2. Foreign body in loaf of bread | Examination revealed resinous substance, e.g. burnt sugar |
| 3. Unsound sugared almonds | No evidence of unsoundness |
| 4. Mouldy Steak and Kidney Pie | Manufacturer and retailer notified |
| 5. Unsound Danish pork | Retailer notified |
| 6. Earwig in sausage roll | Manufacturer notified |

The following foodstuffs were found in the course of inspection to be unfit for human consumption.

	<i>Tins</i>	<i>Lbs.</i>	<i>Pkts.</i>
Meat	2,509	223	—
Fruit	2,096	—	—
Vegetables	3,161	—	—
Milk	1,003	—	—
Fish	580	—	2
Fruit Juice	93	—	—
Soup	1,584	—	—
Puddings	652	—	—
Cereals	247	—	—
Preserves	123	—	—
Coffee	23	—	—
Bacon	—	185	—
Fats	—	20	—
	12,071	428	2

ANNUAL REPORT, 1963

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
(a)	PUBLIC HEALTH ACT, 1936.														
	Complaints—general	25	22	21	43	31	36	57	33	39	42	46	27	422	
	Re-inspections re outstanding														
	Notices	51	52	60	45	41	36	19	38	31	76	9	5	463	
	Dirty or verminous premises	12	—	8	24	16	15	21	12	38	26	17	5	194	
	Drainage	7	5	7	12	8	8	13	8	19	28	9	3	127	
	Holiday accommodation	—	9	—	—	—	—	—	—	—	—	—	—	9	
	Keeping of animals	—	—	1	1	—	2	3	—	—	3	2	—	12	
	Licensed premises ...	4	—	2	2	2	5	—	—	2	1	2	—	20	
	Mortuary	—	—	1	—	—	—	—	—	—	2	—	—	3	
	Piggeries	—	—	—	1	—	—	—	1	4	1	1	—	8	
	Public conveniences	—	—	—	1	—	—	2	12	—	—	—	—	15	
	Refuse tips	—	4	1	—	1	5	2	1	2	4	—	—	18	
	Vacant sites & dilapidated buildings	1	—	1	5	4	—	—	—	6	2	—	—	21	
	Watercourses	—	1	4	1	—	1	—	1	4	3	—	—	15	
	Water supplies	—	—	—	5	22	15	10	6	—	1	1	11	71	
	Camping site, South Newsham	—	—	—	—	3	—	1	—	—	—	—	—	4	
	General	11	2	18	12	10	6	11	4	12	15	18	6	125	
(b)	CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960														
	Sites	3	3	7	14	11	4	5	8	10	7	3	1	76	1,527
(c)	CLEAN AIR ACT, 1956														
	Inspection of plant	1	8	3	7	2	1	—	—	3	2	—	3	30	
	Spoilbanks	—	—	—	1	—	—	—	—	—	—	—	—	1	
	Smoke nuisances	—	—	1	2	7	—	4	3	3	2	—	—	22	
	Smoke observations	—	2	7	5	2	—	—	2	—	—	—	—	16	
	Installations & prior approvals	—	—	—	—	—	—	—	—	—	—	—	—	2	
	General	2	3	—	—	2	—	—	—	1	2	1	—	11	
														82	1,685

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
(d)	Factories Act, 1937	8	1	9	25	28	18	47	4	10	9	—	1	160	1,894
	Mechanical power	3	—	—	3	12	2	7	—	3	1	—	—	31	
	No Mechanical power	—	—	—	7	5	1	4	—	1	—	—	—	18	
	Other premises	—	—	—	—	—	—	—	—	—	—	—	—	209	
(e)	Infectious Diseases (Notifica- tions) Act	3	20	1	7	—	3	2	7	4	9	3	7	66	1,960
	Investigations made	—	—	—	—	—	—	—	—	—	—	—	—	66	
(f)	Noise Abatement Act, 1960	—	—	—	—	3	—	—	—	—	—	—	—	3	1,963
	Inspections made	—	—	—	—	—	—	—	—	—	—	—	—	3	
(g)	Animal Boarding Establish- ments Act, 1963	—	—	—	—	—	—	—	—	—	1	—	—	1	1,964
	Inspections made	—	—	—	—	—	—	—	—	—	—	—	—	1	
(h)	Pests Act, 1949	—	—	1	—	—	—	—	—	—	—	—	—	1	2,034
	Allotments	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Dwellinghouses	1	1	11	9	1	—	6	—	5	—	1	2	37	
	Council properties	2	3	—	—	—	2	1	4	6	—	1	—	19	
	Other properties	—	—	—	—	1	1	1	1	—	—	5	4	13	
														70	2,034

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
(i)	PET ANIMALS ACT, 1951 Investigations made	8	—	—	—	—	—	1	5	—	—	4	—	18	2,052
(j)	SHOPS ACT, 1950 Sanitary and other arrangements in Shops	13	13	5	3	3	2	—	1	10	7	1	2	60	
(k)	OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963	—	—	—	5	6	4	16	10	10	15	10	9	85	2,197
(l)	HOUSING ACT, 1957 Investigations re overcrowding and housing conditions Corporation houses Housing survey General	2 11 3 1	— 2 4 7	7 2 2 7	4 13 10 2	11 6 — 7	3 8 3 —	9 15 — 11	4 20 — —	9 14 7 5	9 7 5 5	9 4 1 6	2 2 — —	69 104 35 51	
<i>Part II</i> Individual unfit houses		13	1	7	7	11	14	7	2	4	11	12	9	98	2,456
Repairs		—	—	—	—	—	—	—	—	4	—	—	—	4	
Undertakings		—	—	—	—	1	4	—	—	1	1	—	—	7	2,565
														109	

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
<i>Part III</i>															
Clearance areas and compulsory purchase orders ...		32	10	1	—	19	6	11	—	102	3	—	36	220	2,792
Redevelopment areas ...		—	—	—	—	—	1	—	2	—	—	—	4	7	
(n) HOUSING ACTS, 1958 AND 1959															
Improvement grants ...		26	21	28	74	21	—	49	11	18	44	49	29	370	3,172
Agricultural dwellings ...		—	—	8	2	—	—	—	—	—	—	—	—	10	
(n) RENT ACT, 1957															
Certificates of disrepair ...		4	—	2	—	5	—	1	2	4	1	2	—	21	3,193
(o) HOUSING ACT, 1961															
Houses in multiple occupation ...		—	1	3	4	3	—	2	—	—	—	1	2	16	3,209
														16	

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
(p)	FOOD AND DRUGS ACT, 1955														
	Abattoir—meat inspection	47	51	62	54	46	55	52	36	37	44	50	56	590	
	Abattoir—alterations	3	—	3	3	4	2	3	2	3	10	—	1	34	
	Bakehouses	—	—	2	4	2	1	11	1	2	1	1	2	27	
	Bakery and Confectionery shops	—	—	—	—	3	2	16	1	—	1	1	—	24	
	Butchers' shops	4	2	8	11	6	3	28	6	12	—	1	6	87	
	Canteens and Snack Bars	—	1	1	—	3	4	16	—	—	—	1	1	27	
	Departmental stores	—	—	—	—	—	—	1	—	—	5	—	—	6	
	Fish and Chip shops	2	—	—	2	1	1	14	3	2	1	—	—	26	
	Food manufacturing premises	3	—	—	—	—	1	6	3	—	—	—	—	9	
	Food vehicles	—	1	—	4	14	31	16	12	4	8	9	1	100	
	General Dealer shops	7	2	5	2	1	3	43	3	1	1	—	2	70	
	Greengrocery shops	1	—	1	1	—	—	12	1	—	—	—	—	16	
	Grocery and Provision shops	2	2	4	3	2	1	47	—	—	—	—	—	61	
	Ice-Cream premises:—														
	(i) Manufacturing	—	—	1	2	—	—	3	2	2	—	—	1	11	
	(ii) Retail	—	—	—	1	15	—	3	7	—	—	—	—	26	
	Food stalls	—	16	27	14	75	42	72	47	27	49	44	8	421	
	Preserved food premises	—	—	—	1	—	—	—	—	—	—	—	—	1	
	Restaurants and cafes	3	2	1	4	1	2	8	—	2	—	—	—	23	
	School and hospital kitchens	—	—	—	—	—	—	1	—	—	—	—	—	1	
	Sugar confectionery	—	—	—	—	—	—	7	—	—	—	—	—	7	
	Unsound food examination	5	7	10	5	5	7	16	11	10	16	—	11	103	
	Wet fish shops	1	—	1	—	1	—	1	1	2	2	—	—	9	
	Inspection of food premises—														
	(Canned meats, Typhoid and food poisoning)	—	—	—	—	—	451	—	—	—	—	—	—	451	
	General	1	—	3	—	—	1	6	2	6	—	—	—	19	
(q)	MILK AND DAIRIES ORDERS														
	Dairies and equipment	1	—	—	1	—	1	—	—	—	—	—	3	2,149	5,358
														6	5,364

Number of inspections made during the year 1964		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Grand Total
(r)	SAMPLING Chemical:—														
	(a) Water	—	—	—	—	—	—	—	—	—	1	—	—	1	
	Bacteriological:—														5,365
	(a) Milk bottles	6	6	6	6	6	12	—	6	6	6	—	12	72	
	(b) Water	1	1	2	3	4	4	—	7	4	11	4	7	48	
	(c) Ice-cream	—	—	—	2	4	—	3	4	2	1	—	—	16	
	(d) Other foods	—	1	—	—	—	—	—	—	—	—	5	—	6	
	(e) Faeces	1	22	—	—	3	—	—	2	1	—	—	4	33	
	(f) Sputum	—	—	—	1	—	—	—	—	1	1	—	—	3	
	(g) Throat swabs	—	5	—	—	—	—	—	—	—	—	—	—	5	
(s)	LAND CHARGES ACT, 1925														
	Searches	40	29	33	56	47	37	38	38	41	34	36	25	183	5,548
														454	
(t)	MISCELLANEOUS														6,002
	Miscellaneous inspections and inter- views	5	—	1	1	21	10	13	5	10	28	28	18	140	
	No. of Informal Notices served	3	12	—	11	7	4	7	9	7	4	6	5	75	
	No. of Statutory Notices served	—	7	12	7	17	2	1	17	6	—	7	—	76	
	No. of houses and buildings treated for eradication of insect pests	7	7	4	27	33	27	42	40	32	32	26	8	285	
	Furniture, bedding, etc. destroyed by request	69	72	96	130	110	170	114	98	183	114	95	67	1,318	
	Choked drains cleansed	5	4	4	11	5	4	6	9	5	8	7	8	76	
	Informal Notices complied	4	—	1	2	4	—	2	5	5	3	—	5	31	
	Statutory Notices complied	7	9	5	9	4	—	3	8	14	1	—	11	71	
														2,072	8,074

